

WHAT IS CLAIMED IS:

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1. A liquid-crystal display device
comprising:

a first substrate having a pixel electrode,
a signal line, a scanning line, and a driver driving
10 one of said signal line and said scanning line;

a second substrate having a common
electrode, the second substrate opposing said first
substrate;

a liquid-crystal layer formed between said
15 pixel electrode and said common electrode; and

a first shield placed opposite said driver
so as to shield an electromagnetic wave radiated
from said driver.

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2. The liquid-crystal display device as
claimed in claim 1, wherein said first shield is
25 formed on said second substrate.

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3. The liquid-crystal display device as
claimed in claim 1, wherein said first shield is
formed on a third substrate separate from said first
substrate and said second substrate.

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4. The liquid-crystal display device as claimed in claim 2, further comprising:

an electrode lead-out line formed on said first substrate so as to input and output a signal
5 to and from said driver; and

a second shield formed on a third substrate placed opposite said electrode lead-out line so as to shield an electromagnetic wave radiated from said electrode lead-out line, the
10 third substrate being separate from said first substrate and said second substrate.

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5. A liquid-crystal display device comprising:

a first substrate having a pixel electrode, a signal line, a scanning line, a driver driving one
20 of said signal line and said scanning line, and an electrode lead-out line used for inputting and outputting a signal to and from said driver;

a second substrate having a common electrode, the second substrate opposing said first
25 substrate;

a liquid-crystal layer formed between said pixel electrode and said common electrode; and

a first shield placed opposite said electrode lead-out line so as to shield an
30 electromagnetic wave radiated from said electrode lead-out line.

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6. The liquid-crystal display device as claimed in claim 5, wherein said first shield is

formed on a third substrate separate from said first substrate and said second substrate.

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7. The liquid-crystal display device as claimed in claim 6, further comprising a second shield formed on a fourth substrate placed opposite said driver so as to shield an electromagnetic wave radiated from said driver.

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8. A liquid-crystal display device comprising:

a first substrate having a pixel electrode, a signal line, a scanning line, a driver driving one of said signal line and said scanning line, and an electrode lead-out line used for inputting and outputting a signal to and from said driver;

a second substrate having a common electrode, the second substrate opposing said first substrate;

a liquid-crystal layer formed between said pixel electrode and said common electrode; and

a shield formed unitarily on a third substrate placed opposite said driver and said electrode lead-out line so as to shield electromagnetic waves radiated from said driver and said electrode lead-out line, the third substrate being separate from said first substrate and said second substrate.

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9. The liquid-crystal display device as claimed in claim 1, further comprising a voltage supplier electrically connecting said first shield with said first substrate so as to supply a
5 predetermined voltage to said first shield.

10 10. The liquid-crystal display device as claimed in claim 5, further comprising a voltage supplier electrically connecting said first shield with said first substrate so as to supply a
15 predetermined voltage to said first shield.

11. The liquid-crystal display device as
20 claimed in claim 8, further comprising a voltage supplier electrically connecting said shield with said first substrate so as to supply a predetermined voltage to said shield.

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12. The liquid-crystal display device as
30 claimed in claim 1, wherein said first shield is formed of a same material as said common electrode.

35 13. The liquid-crystal display device as claimed in claim 5, wherein said first shield is formed of a same material as said common electrode.

14. The liquid-crystal display device as claimed in claim 8, wherein said shield is formed of a same material as said common electrode.

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15. The liquid-crystal display device as claimed in claim 1, wherein said first shield is
10 formed of one of aluminum and titanium.

15 16. The liquid-crystal display device as claimed in claim 5, wherein said first shield is formed of one of aluminum and titanium.

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17. The liquid-crystal display device as claimed in claim 8, wherein said shield is formed of one of aluminum and titanium.